

French Patent 2,728,476: Active carbon particulate filling for respiratory filter

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Equivalents:

Abstract

A respiratory filter filling comprises (a) active carbon particles (I) impregnated with zinc sulphate or carbonate in amt. of 4-12, esp. 9%, expressed as wt. of Zn wrt. wt. of active carbon; and (b) active carbon particles (II) impregnated with copper oxide in amount 3-8, esp. 6% expressed as wt. of Cu wrt. wt. of active carbon, chromium oxide in amount 1-3 (pref. 2)% expressed as wt. of Cr wrt. wt. of active carbon, and opt. other impregnants (e.g. triethylene diamine and/or silver oxide). (where V = vol. (in cu.m.) of active carbon in the filter and D = air flow (in cu.m./sec.) across the filter). Also claimed is a filter contg. the above filling, pref. in the form of a layer of (I) upstream of a layer of (II) wrt. the direction of in taken air.